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DIALOG(R)File 351:Derwent WPI

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Polypropylene resin compsn. used for bumper or side mould of car - comprises propylene copolymers and rubber component obtd. by preblending polyethylene-polypropylene rubber, polyethylene-but-1-ene copolymer and inorganic filler

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Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 5098098	A	19930420	JP 91283752	A	19911004	199320 B
JP 2828809	B2	19981125	JP 91283752	A	19911004	199901

Priority Applications (No Type Date): JP 91283752 A 19911004

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 5098098	A		6	C08L-023/14	
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Abstract (Basic): JP 5098098 A

Polypropylene resin compsn. comprises (I) 80-60 wt.% of the total amt. copolymer X contg. (A) 20-40 wt.% of propylene copolymer X; and (B) 80-60 wt.% of the total amt. of (A) plus (B) of propylene copolymer Y having intrinsic viscosity of 3.5 dl/g or higher; (II) 20-40 wt% of the total amt. of (A) plus (B) of rubber component obtd. by preblending (d) 30-70 wt.% of ethylene-propylene copolymer rubber having propylene content of 20-30 wt.%; and (e) 70-30 wt.% of ethylene-butene copolymer having butene content of 12-25 wt.% and melt index of 0.5-10/10 mins.; and (III) 8-15 pts.wt. of inorganic filler pref. talc.

Propylene copolymer X1 has (a) content of alpha olefin unit other than propylene of 4 mol.% or lower; (b) 96% or more of mmm fraction measured by ¹³C-NMR; and (c) intrinsic viscosity 0.7 dl/g-1.5 dl/g.

USE/ADVANTAGE - Compsn. is used as raw material of outer member of automobile such as bumper or side mould. Compsn. has balanced properties of impact strength, rigidity and hardness.se

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Derwent Class: A17; A95

International Patent Class (Main): C08L-023/14

International Patent Class (Additional): C08K-003/00; C08L-023/14;

C08L-023-08; C08L-023-16

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